

Serial No. 09/943,138
Response to Office Action
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REMARKS

With entry of this Response, Claims 1, 4, 7-11, 13, 20-29 are under examination, with Claims 1, 4, 13, 15, 17, 20-23, and 28-29 amended.

PERSONAL INTERVIEW

Applicant's representative appreciates the interview of May 20, 2005, wherein the cited art and the pending claims were discussed. The Examiner and Applicant's representative discussed potential amendments to the claims. No agreement was reached at that time.

REJECTION OF CLAIMS 1, 4, 7-11, 13 AND 20-29 UNDER 35 USC § 102(B)

Claims 1, 4, 7-11, and 20-29 were rejected under 35 USC § 102(b) as being anticipated by Ersek, et al., US Patent No. 5,336,263 ("Ersek"). The Examiner stated that "For claims 1, 4, 7 and 22 Ersek discloses biphasic compositions..."; "see also paragraph bridging columns 5-6, 'For soft tissue...[a] desirable material for the textured particles....[is] polyethylene'". Applicant traverses this rejection and this statement in particular.

As was discussed in the interview and in previous Responses, Ersek teaches implantation of particles that have physical characteristics that mimic the augmentation site. Further, there is no teaching in Ersek of Applicant's currently claimed invention comprising compositions and methods of implantation into soft tissues of a composition comprising high density polyethylene particles. Ersek does not disclose each element of Applicant's currently claimed invention, and thus, does not anticipate Applicant's currently pending application.

Ersek teaches that the implantation material should mimic the characteristics of the tissue into which the material is inserted. Ersek teaches, at the paragraph bridging columns 5-6, that "For a soft tissue, a soft elastomer such as silicone rubber is a desirable material for the textured particles." Later, Ersek teaches that "fabrication of the spheroids from a malleable polymer material such as a silicone rubber is preferred as it will more closely imitate the texture of the natural tissue it replaces." See Ersek Col. 8, lines 26-29. Ersek

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teaches away from using hard or non-elastic materials for soft tissue augmentation, and Ersek specifically teaches that polyethylene is not used for soft tissue augmentation, but that soft elastomers are used. Applicant's currently claimed invention is directed to soft tissue augmentation using high density polyethylene particles, and thus, Ersek does not provide an anticipatory teaching of Applicant's invention, but instead, provides a teaching away from Applicant's currently claimed invention.

Further, Applicant respectfully submits that Applicant's currently claimed composition and the composition taught by Ersek are not the same. Ersek teaches that the injected materials must have similar characteristics to the injected tissues, and that "[w]hen a firm area is being treated, such as connective tissue or the like,polyethylene may be satisfactorily utilized." See Col.5, line 68-Col.6, line 3. "...for hard substances, biocompatible materials such as certain calcium salts including hydroxyapatite,...ceramics,...metals,...or glass may be utilized." Again, at Col. 11, lines 27-36, Ersek teaches that the microparticle should "mimic the durometer hardness of the host tissue being filled". Ersek teaches that soft tissues are treated with elastomeric tissues, connective tissues with polyethylene/polytetrafluoroethylene and bone is treated with hard particles of hydroxyapatite, ceramics, metals or glass.

Ersek does not teach that polyethylene is a hard material, but instead the polyethylene of Ersek is used for connective tissue repair. Please see the following table, which shows the similarities of several connective tissues and low density polyethylene. Low density polyethylene meets the teachings of Ersek for using materials similar to the tissue into which the material is injected.

Material	Elastic Modulus	
	MPA	psi
Fibrocartilage*	159	23,075
Ligament*	303.0	43,946
Tendon*	401.5	58,232
Low Density Polyethylene (LDPE)**	172 – 344	25,000 – 50,000

* Values obtained from J. Black and G.W. Hastings, *Handbook of Biomaterials Properties*, Chapman and Hall, London, UK, 1998

** Values obtained from *Handbook of Polyethylene, Structures, Properties, and Applications*, Andrew J. Peacock, pp. 123-151, 2000

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On the other hand, the values for high density polyethylene are not similar to connective tissues. High density polyethylene is different from even the least flexible tissue shown here.

Material	Elastic Modulus	
	MPA	psi
Fibrocartilage*	159	23,075
Ligament*	303.0	43,946
Tendon*	401.5	58,232
High Density Polyethylene (HDPE)**	1,068 – 1,380	155,000 – 200,000

* Values obtained from J. Black and G.W. Hastings. *Handbook of Biomaterials Properties*. Chapman and Hall, London, UK, 1998

** Values obtained from *Handbook of Polyethylene, Structures, Properties, and Applications*. Andrew J. Peacock, pp. 123-151, 2000

Ersek does not provide a teaching of using high density polyethylene. High density polyethylene is quite different from other polyethylenes. See the following comparisons of the density (Figure 10), the tensile moduli (Figure 11) and representations of the physical structures of high density (top) and low density (middle) and linear low density polyethylene (Figure 2). As can be seen from these figures, high density polyethylene is physically different from other forms of polyethylene.¹

¹ These figures are from *Handbook of Polyethylene, Structures, Properties and Applications*, Andrew J. Peacock, 2000, Marcel Dekker.

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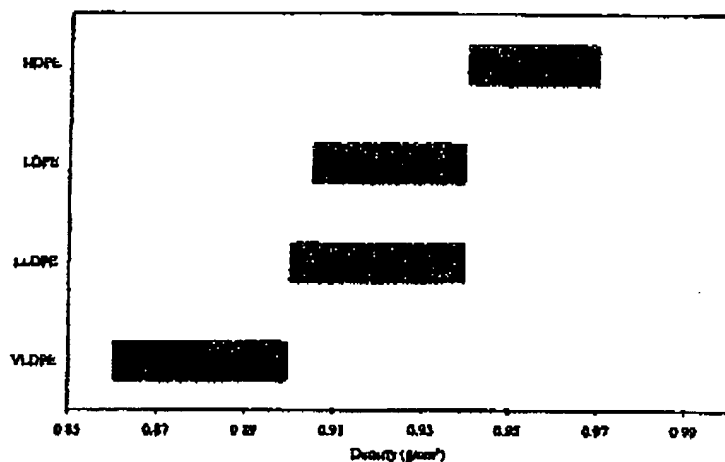


Figure 10 Typical density ranges of various classes of polyethylene.

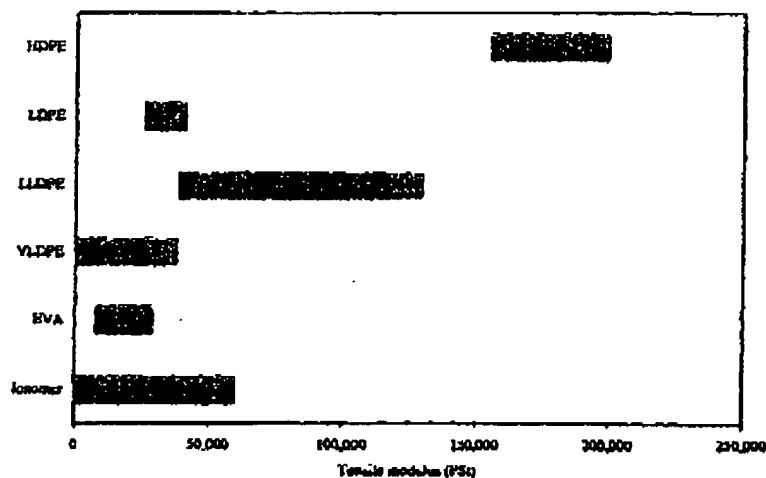


Figure 11 Typical tensile moduli of various classes of polyethylene.

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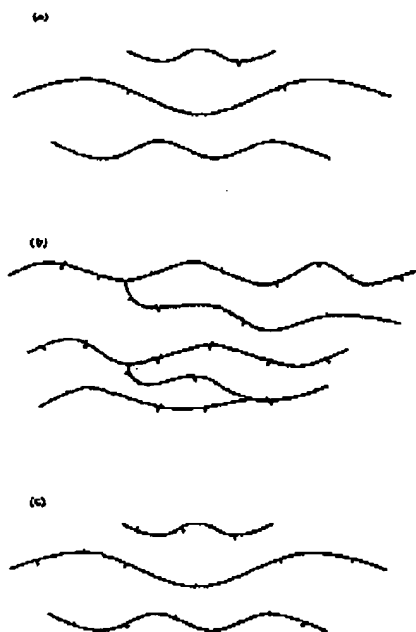


Figure 2 Schematic representations of the different classes of polyethylene. (a) High density polyethylene; (b) low density polyethylene; (c) linear low density polyethylene; (d) very low density polyethylene; (e) ethylene-vinyl acetate copolymer; (f) cross-linked polyethylene.

Thus, the composition taught by Ersek is not Applicant's currently claimed composition. There is a structural difference between the particles taught by Ersek and the particles claimed in Applicant's currently pending application which patentably distinguishes the composition disclosed by Ersek from that currently claimed by Applicant. Ersek does not disclose a biocompatible micronized textextured high density polyethylene particle, and thus, Ersek does not anticipate Applicant's currently claimed invention. Applicant respectfully requests the Examiner to withdraw the rejection.

REJECTION OF CLAIMS 1, 4, 7, 13, 20-22, 28 AND 29 UNDER 35 USC § 102(A)

Claims 1, 4, 7, 13, 20-22, 28 and 29 were rejected under 35 USC § 102(a) as being anticipated by Bisson (FR 2785811) ("Bisson"). As noted by the Examiner, the publication date of Bisson is May 19, 2000. The Examiner stated that "Bisson discloses compositions

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comprising porous microparticles and/or a suspension agent used for soft tissue augmentation."

In response to the §102(a) rejection, Applicant submits a declaration under 37 C.F.R. §1.131 (Rule 131 declaration) to overcome the §102(a) rejection. An Applicant may establish prior invention by showing facts that the Applicant reduced to practice prior to the effective date of the reference, which is May 19, 2000, or conception of the invention prior to the effective date of the reference, coupled with due diligence from prior to that date, to a subsequent reduction to practice or to the filing of the application.

Applicant's Rule 131 declaration, and an accompanying declaration from Dr. Stephen Perkins, sets forth facts sufficient to show that Applicant conceived the invention and reduced it to practice prior to the May 19, 2000 effective date of Bisson. In summary, Applicant and Dr. Perkins met in early December, 1999, at which time Applicant was in possession of the invention. See Dyer Declaration, ¶3, also Perkins Declaration, ¶3. Applicant respectfully submits that Applicant's Rule 131 declaration, and accompanying declaration of Dr. Stephen Perkins, satisfies the requirements of Rule 131, and sets forth facts to show conception and reduction to practice of the invention prior to the effective date of Bisson. Therefore, Applicant respectfully submits that Bisson is not prior art to be cited against Applicant's application and requests that the Examiner withdraw the rejection.

SUMMARY

The foregoing is a complete response to the Office Action mailed March 2, 2005. Applicants respectfully submit that Claims 1, 4, 7-11, 13, 15 and 17-29 are patentable. Early and favorable consideration is solicited.

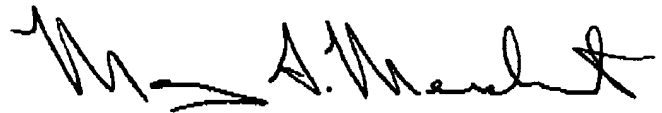
Applicants are herein requesting the payment of the fees, the Request for Continued Examination of \$790, and a two month extension of time, \$450, be charged to the Deposit Account and the Commissioner is hereby authorized to charge these and any other fees that may be required, to Deposit Account No. 20-1507.

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If the Examiner believes there are other issues that can be resolved by a telephone interview, or there are any informalities that remain in the application which may be corrected by the Examiner's amendment, a telephone call to the undersigned attorney at (404) 885-3652 is respectfully solicited.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Mary Anthony Merchant". The signature is fluid and cursive, with a large initial "M" and a long horizontal stroke.

Mary Anthony Merchant, Ph.D.
Reg. No. 39,771

Troutman Sanders, LLP
Suite 5200
600 Peachtree Street, NE
Atlanta, Georgia 30308-
Telephone: (404) 885-3652
Facsimile: (404) 962-6527
Our Docket: DYER2

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Handbook of Biomaterial Properties

Edited by

Jonathan Black

Professor Emeritus of Bioengineering
Clemson University
USA

and

Garth Hastings

Professor and Director of the Biomaterials Programme
Institute of Materials Research and Engineering
National University of Singapore

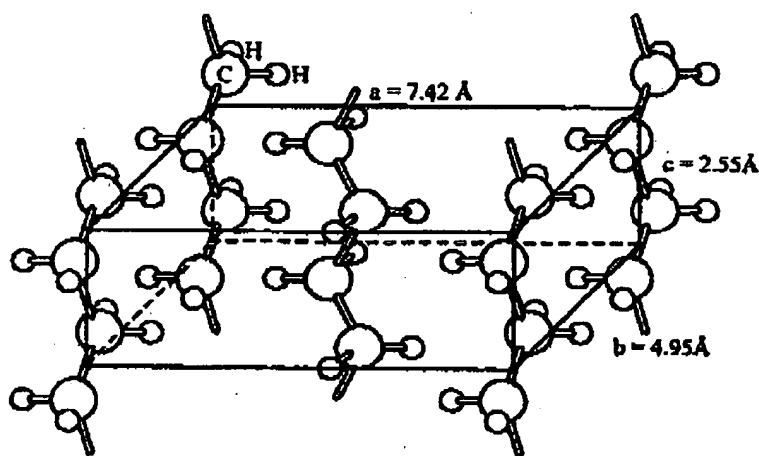


CHAPMAN & HALL

London · Weinheim · New York · Tokyo · Melbourne · Madras

HANDBOOK OF POLYETHYLENE

Structures, Properties,
and Applications



Andrew J. Peacock

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PERKINS FACIAL

004

CURRICULUM VITAE **STEPHEN W. PERKINS, M.D. F.A.C.S.**

170 W. 106th Street
 Indianapolis, Indiana 46290
 (317) 575-0330
 Citizenship: USA

1. EDUCATION

INSTITUTION

DePauw University, Greencastle, IN
 Indiana University School of Medicine, Indianapolis, IN
 St. Vincent Hospital, Indianapolis, IN
 St. Vincent Hospital, Indianapolis, IN
 Indiana University Medical Center, Indianapolis, IN
 American Academy of Facial Plastic and Reconstructive
 Surgery, McCollough Facial Plastic Surgery Clinic,
 Birmingham, AL

Degree	Year
B.A.	1970-1973
M.D.	1973-1977
Intern	1977-1978
Gen Surg Res	1978-1979
Oto Res	1979-1982

Fellow	1982-1983
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2. ACADEMIC APPOINTMENTS

July 1983 - present Clinical Associate Professor, Indiana University School of Medicine,
 Department of Otolaryngology, Active, Indianapolis, IN
 January - June 30, 1983 Clinical Instructor, University of Alabama-Birmingham, Department
 Of Otolaryngology, Birmingham, AL

3. HOSPITAL APPOINTMENTS - 1983 - Present

St. Vincent Hospital, Indianapolis, IN	Active
St. Vincent Carmel Hospital, Carmel, IN	Active
Indiana University Hospitals, IN	Active
V.A. Hospital, Indianapolis, IN	Active

4. SPECIALTY BOARD STATUS

Certified by the American Board of Facial Plastic and Reconstructive Surgery	1991
American Academy of Facial Plastic and Reconstructive Surgery, 1 yr Fellowship Certificate	1983
Certified by the American Board of Otolaryngology, Head-Neck Surgery	1982

5. LICENSURE

Indiana by F.L.E.X.	September 1977	#1027845
California by Reciprocity	February 1982	#C40259

6. PROFESSIONAL SOCIETIES

American Academy of Facial Plastic and Reconstructive Surgery	(1998-1999) Fellow
American College of Surgeons	President
American Academy of Otolaryngology, Head-Neck Surgery	Fellow
American Medical Association	Fellow
Indiana State Medical Association	Member
Indianapolis Medical Society	Member
Indiana Academy of Otolaryngology, Head-Neck Surgery	Member

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7. HONORS AND AWARDS

American Medical Association Physicians Recognition Awards: May 1992 - May 1995;

May 1996 - May 1999; August 1999 - August 2003.

American Academy of Facial Plastic and Reconstructive Surgery. Outstanding Service Honor, 1984

The first winner of the Distinguished Education Award in facial plastic surgery presented by the

Educational and Research Foundation of the American Academy of Facial Plastic and

Reconstructive Surgery, 1988

Phi Beta Kappa Scholarship Honorary, 1973

American Academy of Otolaryngology Head-Neck surgery Foundation

Distinguished Services Honor in Scientific Programs, Exhibits, Continuing Education Courses and

Instructional Courses of the Society, September 29, 1996

8. CLINICAL TEACHING EXPERIENCE

Fellowship Program Director of the American Academy of Facial Plastic and Reconstructive

Surgery, July 1, 1989 - Present (Annually)

Director, Facial Plastic Surgery Seminar, Indiana University School of Medicine, Department of

Otolaryngology December 1983 - 2002

Staffing of facial plastic surgery cases for otolaryngology residents, Facial Plastic Surgery lecture

series Indiana University, Department of Otolaryngology Head-Neck Surgery

July 1, 1983 - Present

Journal Club/teaching presentations for otolaryngology residents, Facial Plastic Surgery lecture

series Indiana University, Department of Otolaryngology Head-Neck Surgery

July 1, 1983 - Present

9. TEACHING AND ATTENDANCE AT POSTGRADUATE AND CONTINUING EDUCATION COURSES IN PRESENT RANK**COURSE DIRECTORSHIPS**

February 1987

AAFPRS sponsored course "Rhinoplasty," Indianapolis, IN.

May 28 - 31, 1982

AAFPRS sponsored course "Rejuvenation of the Face," Indianapolis, IN.

January 18 - 20, 1995

AAFPRS sponsored course "Latest Advances in Cosmetic Facial Procedures,"
Beaver Creek, CO.

1987-2002

Indiana University Department of Otolaryngology Head-Neck Surgery Annual Facial
Plastic Surgery Seminars.

1992-1998

AAO-HNS sponsored instructions courses Co-Director

"Transconjunctival Blepharoplasty," Chemical Face Peeling, Medium and Deep
Chemical Peeling."

October 16 - 19, 1997

AAFPRS sponsored course "Aging Face," Indianapolis, IN.

November 13 - 14, 1998

Annual Facial Plastic Surgery Seminar presented by: Indiana University Department of
Otolaryngology-Head and Neck Surgery. "Practical Pearls for Facial Plastic and Reconstructive
Surgery", Indianapolis, IN.

December 3 - 4, 1999

Annual Facial Plastic Surgery Seminar presented by Indiana University Department of

Otolaryngology-Head and Neck Surgery, "Facial Plastic Surgery Entering the New Millennium".

March 28 - 30, 2000

Co-Director, AAFPERS sponsored 7th Annual Winter Symposium, Vail, CO.

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December 1 - 2, 2000

Annual Facial Plastic Surgery Seminary presented by Department of Otolaryngology - Head and Neck Surgery, Indiana University School of Medicine, Indianapolis, IN, "Facial Plastic Surgery 2000".

November 30 - December 1, 2001 (Course Director)

Annual Facial Plastic Surgery Seminar presented by the Department of Otolaryngology - Head and Neck Surgery, Indiana University School of Medicine, Indianapolis, IN. "Facial Plastic and Reconstructive Surgery 2001".

CME 14.75

November 8-9, 2002 (Course Director)

Annual Facial Plastic Surgery Seminar presented by Department of Otolaryngology-Head and Neck Surgery, Indiana University School of Medicine, Indianapolis, IN. "Facial Plastic and Reconstructive Surgery: 2002".

INTERNATIONAL COURSES

October 11-15, 1988

X Congreso-Curso, Las Hadas, Manzanillo.

December, 1987

Pan-American Congress of Otolaryngology-Head and Neck Surgery, Cartagena, Mexico.

November 4-6, 1999

Simpósio Internacional De Cirurgia Nasal, Porto Alegre, Brazil. Lecturer, "Total Lobular Reconstruction in Secondary Rhinoplasty", "The Use of Botox in Facial Procedures", "Alar Based Refinement", "Nasal Tip Surgery Via Endonasal Approach".

November 20-23, 1999

Science & Art in Rhinology and Plastic Surgery, Guadalajara, Jalisco, Mexico. Lecturer, "Photography and Imaging for Rhinofacial Surgery", "Endonasal Approach to Nasal Tip Surgery", "Laser Resurfacing Techniques", "Comparison of Coronal Forehead Lift With Endoscopic Forehead Lift".

June 14-17, 2000

International Symposium of Rhinology and Paranasal Sinus, Cancun, Mexico. "Nasal Tip Surgery Via Endonasal Approach", Symposium: "Update in Surgery for Facial Rejuvenation", "Skin Facial Resurfacing with Laser", "Surgical Criteria For Forehead Lifting", "Lip and Perioral Enhancement".

May 16-17, 2002 (Honored Guest Lecturer)

3rd International Course on Reconstructive and Aesthetic Surgery of the Nose and Face, University Medical Center, Nijmegen, the Netherlands.

April 11-13, 2003 (Keynote Speaker)

Australasian Academy of Facial Plastic Surgery 2003 Scientific Meeting, Sydney, Australia.

October 4-9, 2003 (Guest Lecturer)

The Turkish Society of Otolaryngology-Head & Neck Surgery Meeting, Antalya, Turkey.

February 17-19, 2005

"Rhinoplasty in Its Functional, Aesthetics and Reconstructive Aspects" sponsored by the Mexican Society of Otorhinolaryngology Head and Neck Surgery

Invited International Faculty Member:

March 6-8, 2005

Third Biennial International Instructional Milano Masterclass. The Quest of Excellence: Advanced "Rhinoplasty & Pearls of Facial Plastic Surgery." Milano, Italy. Rhinoplasty

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CATEGORY I

- February 18-20, 2000 (Faculty Presenter)
AAFP RS sponsored, *Rejuvenation 2000*, Coronado Island, San Diego, CA. "Combining Alloderm and Gore-Tex for Augmentation of the Lips and the Naso-labial Furrows"; Brow Lifting: An Open or Closed Case?"; "A Rational Approach to Face Lifting: Combining the Old with the New". CME 18.0
- March 26-30, 2000 (Co-Director)
7th Annual Winter Symposium, Vail, CO. Panelist, "Tip and Spreader Grafts: What Are My Indications"; "Total Lobular Reconstruction"; Moderator, Blepharoplasty; Panelist, "A The Success Stories"; "Individualizing Facelift Surgery: The Graduated Approach"; Panelist, "Deep Plane or SMAS: What Has Experience Shown Us?"; "Combined Use of Gore-Tex Strands and Alloderm"; Panelist, "The Best Forehead Lift: Open Endoscopic With Or Without Fixation". CME 20.5
- April 15-16, 2000
American College of Preventive Medicine & American Medical Athletic Association sponsored, "2000 American Medical Athletic Association Sports Medicine Symposium", Boston, MA. CME 5.0
- May 11, 2000
Attended the Rhinoplasty Society Annual Meeting in Orlando, FL. CME 6.0
- May 12-16, 2000 (Faculty Presenter)
AAFP RS sponsored "Combined Otolaryngological Spring Meeting," Orlando, FL. "Marketing Your Practice: Internal & External Strategies". Panelist, "Management of the Heavy Neck in Rhytidectomy". CME—5.6
- June 7-9, 2000 (Faculty Presenter)
45th Annual Goldman Seminar on *Advanced Rhinoplasty and Horizons in Facial Plastic Surgery*, New York, NY; Panelist, "Nasal Tip Surgery", Panel: "Augmentation and Reduction Rhinoplasty". CME 21.25
- July 22-28, 2000 (Faculty Presenter)
Summer Update in Otolaryngology, Beaver Creek, Colorado. "Facelifting: Creation of a Sharp, Cervico-mental Angle Using Modified Deep Plane SMAS Dissection"; "Nasal Reconstruction"; "Plastic and Reconstructive Surgery": Panelist. CME 9.0
- September 20-23, 2000 (Faculty Presenter)
AAFP RS sponsored 2000 Annual Fall Meeting held in conjunction with International Rhinologic Society, "The Nose 2000. And Beyond", Washington D.C.; Plenary Session: "Primary Rhinoplasty", Moderator Mini Course: "A The Crooked Nose". CME—13.5
- November 9 - 11, 2000 (Faculty Presenter)
The Penn Rhinoplasty Course: Aesthetic and Functional Rhinoplasty, University of Pennsylvania Medical Center, Philadelphia, PA. "Primary Endonasal Rhinoplasty"; "The Short Nose; Saddle Nose"; "Demonstration Rhinoplasty." Panelist: "Endonasal vs. External Rhinoplasty; The Twisted Nose; Revision Rhinoplasty; and Rhinoplasty Complications: Avoidance Management and Treatment." CME 25.0
- December 1 - 2, 2000 (Course Director)
Annual Facial Plastic Surgery Seminar presented by the Department of Otolaryngology - Head and Neck Surgery, Indiana University School of Medicine, Indianapolis, IN. "Facial Plastic Surgery 2000". CME 14.6
- February 8 - 11, 2001 (Presenter)
2001 American Academy of Oral Maxillofacial Surgeons (AAOMS)/ American Academy of Facial Plastic and Reconstructive Surgery (AAFP RS) Joint Midwinter Conference, "Perioral Enhancement Procedures." Tampa Bay, FL.
- May 3, 2001
The Rhinoplasty Society Annual Meeting, New York, NY. CME 8.0

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- June 25 - July 1, 2001 (Keynote Speaker/Presenter)
AAFP RS sponsored "Rhinoplasty 2001", Chicago, Illinois. Keynote Address: A Personal Rhinoplasty Philosophy. Presenter: "Nasal Aesthetics and Clinical Diagnosis"; "Grafts versus implants". Panelist: "Perioperative Assessment and Management of the Rhinoplasty Patient"; Management of the Nose with Variant Anatomy. CME—38.0
- September 4 - 8, 2001
AAFP RS 2001 Fall Meeting, Denver, Colorado. CME—11.0
- October 26-28, 2001
Controversies in Facial Plastic Surgery. Ocean Reef Club, Key Largo, FL. CME 12.0
- November 30 - December 1, 2001 (Course Director)
Annual Facial Plastic Surgery Seminar presented by the Department of Otolaryngology - Head and Neck Surgery, Indiana University School of Medicine, Indianapolis, IN. Facial Plastic and Reconstructive Surgery: 2001. CME 14.75
- February 28 - March 2, 2002 (Honored Guest Speaker/Faculty Presenter)
19th Annual Dallas Rhinoplasty Symposium sponsored by the University of Texas Southwestern Medical Center at Dallas, Dallas, TX. CME 19.0
- March 10-14, 2002 (Co-Director)
AAFP RS 9th Annual Winter Symposium on the Latest Advances in Facial Plastic Surgery, Vail, Colorado. CME 23.0
- May 1 - 5, 2002 (Faculty Presenter)
AAFP RS 8th International Symposium of Facial Plastic Surgery, New York City, USA. CME 18.25
- September 19-21, 2002
AAFP RS Fall Meeting, San Diego, CA. CME 12.00
- September 20-22, 2002
Rejuvenation of the Aging Face (held in conjunction with the AAFP RS Fall Meeting), San Diego, CA. CME 11.00
- November 8-9, 2002 (Course Director)
Annual Facial Plastic Surgery Seminar presented by the Department of Otolaryngology-Head and Neck Surgery, Indiana University School of Medicine, Indianapolis, IN. Facial Plastic and Reconstructive Surgery: 2002. CME 14.25
- March 14-15, 2003
Streit Memorial Seminar: "Technique & Finesse in Facial Plastic Surgery", Bethesda, MD.
- March 18-23, 2003
Advances in Otolaryngology-Head and Neck Surgery, Amelia Island, FL. Perspectives on Blepharoplasty. CME 4.5
- March 26, 2003 (Faculty Member)
The Twentieth Annual Symposium on Facial Plastic Surgery, Holmdel, New Jersey. CME 6.0
- May 2-3, 2003
AAFP RS 2003 Spring Meeting, Nashville, TN. Panel Moderator, How My Personal Approach to Blepharoplasty Has Evolved Over Twenty Years. CME 10.5
- June 24-29, 2003
Rhinoplasty 2003: Advances in Rhinoplasty sponsored by the AAFP RS, Chicago, IL. A Personal Rhinoplasty Philosophy; Precise Control of Nasal Tip Projection; Panelist for panel discussions: The Bony Nasal Vault; Lessons Learned from Long-term Follow-up; and Nuances in Rhinoplasty Technique.
- September 18-21, 2003
AAFP RS Annual Fall Meeting Orlando, FL. Facelift Workshop: Contemporary Approaches in Facial Rejuvenation. Lecture and preparation. Video presentations: "Blepharoplasty Techniques". "Contemporary Midface Techniques". Panelist, "Controversies in Facelift Surgery". "New Technologies: CO2 laser resurfacing". CME 3.0
- January 30-31, 2004
Cadaver Workshop and Aesthetic Conference 2004, University of California, Irvine Department of Plastic Surgery, Irvine, California. CME 11.25

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February 14-18, 2004

11th Annual Winter Symposium on the Latest Advances in Facial Plastic Surgery, Snowmass Village, Colorado. ASOPRS & AAFPRS. CME 6.0

March 30 - April 4, 2004

AAFP RS course: Rejuvenation of the Aging Face, San Diego, CA. CME 35.0
Moderator: Blepharoplasty Panel; Panelist: Marketing Your Practice; Mid-Facelift with Video;
Panelist: Managing A Facial Plastic Practice; Update On Resurfacing: Combined Ablative
Resurfacing; Penoral Rejuvenation.

May 2-3, 2004

AAFP RS Annual Spring Meeting. Phoenix, AZ. CME 12.0
Panel Presentation: Extreme Makeovers in the Midwest.

July 12-21, 2004

Indiana University School of Medicine, Indianapolis, IN. 89th Annual Anatomy and Histopathology
of the Head, Neck and Temporal Bone. Van Nuys Medical Science Bldg. CME 50.0

September 21-24, 2004

AAFP RS Annual Fall Meeting. New York City, NY. Panelist: Resurfacing

September 18-22, 2004

American Academy of Otolaryngology-Head and Neck Surgery (AAOHN SF) Annual Meeting
New York, U.S.A.

"Contemporary Minimally Invasive Treatment Techniques for Facial Rhytids"- Injectable Fillers.

October 22-23, 2004

American Society of Ophthalmic Plastic & Reconstructive Surgery Annual (ASOPRS) Fall 2004
Scientific Symposium New Orleans, Louisiana. "Contemporary Face-Lifting"

January 22, 2005

The Triological Society Middle Section Meeting. Chicago, IL. Panel: Facial Plastic Surgery.

February 5-9, 2005

Annual Winter Symposium on the Latest Advances in Facial Plastic Surgery. Snowmass, CO.
"Latest Advances in Facial Plastic Surgery" - Mid-face: Combined Temporal, TransQ Lower Lip
and Sublabial Approach. CME 18.0**Upcoming Courses:**

June 26-30, 2005 (Key Faculty Member)

Bi-annual AAFPRS course: Rhinoplasty 2005: Advances in Rhinoplasty". Chicago, IL

CATEGORY II

February 2, 2000

Indiana University Medical Center, Department of Surgery, Division of Plastic Surgery. Lecture
on, "Facelift" to Plastic Surgery residents. CME 4.0

April 12, 2000

Indiana University Medical Center, Department of Surgery, Division of Plastic Surgery. Lecture
on, "Total Lobular Reconstruction" to Plastic Surgery residents. CME 4.0

May 20, 2000

Coherent Laser seminar, ASkin Rejuvenation Update: Featuring Ultra Pulse CO2 Laser
Resurfacing, Ultra Fine Erbium Laser Resurfacing, and Skin Scape Microdermabrasion System
with surgical demonstrations CME 8.0

June 14-17, 2000

International Symposium of Rhinology and Paranasal Sinus, Cancun, Mexico.
"Nasal Tip Surgery Via Endonasal Approach", Symposium: "Update in Surgery for Facial
Rejuvenation", "Skin Facial Resurfacing with Laser", "Surgical Criteria For Forehead Lifting",
"Lip and Perioral Enhancement". CME 12.0

July 8-10, 2000

Cosmetology Continuing Education Instructor, American Aestheticians Education Assn.
Fourth Annual Midwest Region Education Conference, Indianapolis, IN
"The Latest in Facelifts and Combined Procedures".

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010

March 21, 2001
Seminar at Indiana Historical Society.

March 20, 2002
Lecture to residents at Indiana University School of Medicine, Department of Otolaryngology-
Head and Neck Surgery, "Combined Facelift and CO2 Laser Resurfacing" CME 4.0

May 15-17, 2002 (Honored Guest Lecturer)
3rd International Course on Reconstructive and Aesthetic Surgery of the Nose and Face,
University Medical Center, Nijmegen, the Netherlands.

May 29, 2002
Lecture to residents at Indiana University School of Medicine, Department of Otolaryngology-
Head and Neck Surgery, "Secondary Rhinoplasty". CME 4.0

January 15, 2003
Lecture to residents at Indiana University School of Medicine, Department of Otolaryngology-
Head and Neck Surgery. CME 4.0

September 18-21, 2003
Facelifting Workshop: Contemporary Approaches in Facial Rejuvenation. Lecture and preparation.
CME 3.0

10. PROFESSIONAL ACTIVITIES

American Academy of Facial Plastic and Reconstructive Surgery

Immediate Past President	2000
Outgoing President	1999
President	1998
President-Elect	1997
Secretary	1993-1997
Vice President, Midwestern Region	1989-1992

COMMITTEES

AAFPRS

Ad hoc Bylaws Committee	1996-1997
Ad hoc Committee on Committees	1996-1998
Alternate Delegate/AAFPRS to the AAO-HNS Board of Governors	1986-1988
Board of Directors	1997-2003
Courses Committee	1986-1988
Curriculum and Testing Committee	1987-1989
Delegate/AAFPRS to the AAO-HNS Board of Governors	1989-1995
Ethics Committee (Chairman in 2000)	2000-2007
Fellowship Committee	1985-1988
Fellowship Literature Subcommittee (Chairman 1987-1989)	1987-1990
Fellowship Review Committee	2001-Present
Future Plans Committee, Chairman	1985-1988
Governor of the American College of Surgeons for the AAFP RS	1995-1996
Key Contact Person/AAFP RS for I.U. Dept. Of Oto Residency Program	1983-1991
Program Committee for Spring and Fall Meetings	1987-1989
Public Information Committee, (Chairman 1988-1990)	1987-1990
Residency Relations Committee	1990-1993
Senior Advisor	2003-Present
Strategic Development Committee	1987-Present

AMERICAN BOARD OF FACIAL PLASTIC AND RECONSTRUCTIVE SURGERY

Oral Board Examiner	1993-Present
Board of Directors	1987-2002
Senior Advisor	2003-Present

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INDIANAPOLIS MEDICAL SOCIETY

Member of the Board of Directors
 Member of the Medical Legal Committee
 Nominating Committee

1989-Present
 1989-Present
 1989-1990

INDIANA STATE MEDICAL ASSOCIATION

Alternate Delegate
 Delegate

1989-1992
 1992-Present

11. PUBLICATION

- McCollough, E. Gaylon, M.D.; Perkins, Stephen W., M.D.; Langsdon, Phillip R., M.D. SASMAS Suspension Rhytidectomy, Rationale and Long Term Experience, *Arch Otolaryngology Head Neck Surg* - Vol. 115, February, 1989.
- Perkins, Stephen W., M.D., Gibson, F. Brian, M.D. The Use of Submentoplasty to Enhance Cervical Recontouring in Facelift Surgery. *Arch Otolaryngology Head Neck Surg* - August 1992
- Perkins, Stephen W., M.D., Nasal Anatomy and Physiology *Aesthetic Facial Surgery*, ed. Cnanes J. Krause, M.D., (Philadelphia: J.B. Lippincott Co., 1991), pgs. 5-31.
- Perkins, Stephen W., M.D., "Chemical Peel" Cummings Four Volume Textbook, *Otolaryngology-Head and Neck Surgery*, Published by Mosby Year Book, Inc., St. Louis, MO.
- Perkins, Stephen W., M.D., Photo Documentation for Facial Plastic Surgery. *Otolaryngology-Head and Neck Surgery* J.B. Lippincott, Philadelphia, PA.
- Perkins, Stephen W., M.D., "Lighting Considerations in Computer Imaging" *Facial Plastic Surgery Journal*, Volume 7, No. 1, pgs. 31-34, 1990.
- Perkins, Stephen W., M.D., Simo, Frank, M.D., Dyer II, Wallace K., M.D. Transconjunctival Blepharoplasty with Chemical Peel Lower Eyelid Surgery, *Archives of Otolaryngology*, 1993.
- Guest Editor, Blepharoplasty Issue, *Facial Plastic Surgery Clinics of North America*, Volume 3, Number 2, May 1995.
- Perkins, Stephen W., M.D., Contributed chapter entitled The Transconjunctival Approach to Lower Lid Blepharoplasty. *Facial Plastic Surgery Clinics of North America*, Volume 3, Number 2, pgs. 175-188, May 1995.
- Perkins, Stephen W., M.D., Tardy, M. Eugene, Jr., M.D. Open Rhinoplasty Volume *Facial Plastic Surgery Clinics of North America*, External Columellar Incisional Approach to Revision of the Lower Third of the Nose, August, 1993, pgs. 79-98.
- Perkins, Stephen W., M.D., Gibson, F. Brian, M.D. Chemical Peels-Indications, Techniques and Complications, presented for the AAO-HNS Instructional Course Program.
- Perkins, Stephen W., M.D., Caniglia, Ronald, M.D. Micropigmentation for Eyelash Enhancement: A Realistic Evaluation of Permanent Eyeliner When Used as an Adjunct to a Facial Plastic Surgery Practice. Presented at the Sixth International Symposium of Facial Plastic Surgery, San Francisco, CA, June 19, 1993
- Guest Editor, *Facial Plastic Surgery Clinics of North America*, Volume 11, Number 1, January 1995;
- Perkins, Stephen W., M.D. Complications of Chemical Face Peeling: Prevention and Management, *Facial Plastic Surgery*, Volume 11, Number 1, pgs. 39-46, January 1995.
- Perkins, Stephen W., M.D., Gibson, F. Brian, M.D. Medium Depth Peels, *Facial Plastic Surgery*, Volume 11, Number 1, pgs. 22-29, January, 1995.
- Perkins, Stephen W., M.D., Fedok, Fred G., M.D., Transconjunctival Blepharoplasty, *Facial Plastic Surgery*, Volume 12, Number 2, pgs. 185-195, April, 1996.
- Perkins, Stephen W., M.D., Sklarow, Eric C., M.D. Prevention of Facial Herpetic Infections after Chemical Peel and Dermabrasion: New Treatment Strategies in the Prophylaxis of Patients Undergoing Procedures of the Perioral Area, *Plast Recon Surg.*, 9/1996;98:427-435.
- Perkins, Stephen W., M.D., Williams, James D., M.D., MacDonald, Kate, R.N., Robinson, Ernest B., M.D. Prevention of Seromas and Hematomas After Facelift Surgery With the Use of Postoperative Vacuum Drains, *Arch Otolaryngol. Head Neck Surg*/Vol. 123, pp. 743-745, July 1997.
- Perkins, Stephen W., M.D. Current Concepts of Chemical Peeling and Dermabrasion, *Otolaryngology - Head and Neck Surgery Recertification Study Guide*, AAO-HNS Foundation. 2001.

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012

- Perkins, Stephen W., M.D., Latorre, Randall C., M.D., Aesthetic Facial Plastic Surgery - Chapter 16: A Facial Plastic Surgeons Perspective - Blepharoplasty. 2000; pp. 262-287.
- Perkins, Stephen W., M.D., Hamilton, Mark M., M.D., MacDonald, Kate, R.N., B.S.N. A Successful 15-Year Experience in Double-Dome Tip Surgery Via Endonasal Approach - Nuances and Pitfalls. *Archives of Facial Plastic Surgery*. 2001; Volume 3, Number 3, pgs. 157-164.
- Perkins, Stephen W., M.D., Gross, Edward J., M.D., Hamilton, Mark M., M.D., Ackerman, Kelly, RN, BSN. Mersilene Mesh Chin Augmentation - A 14-Year Experience. *Archives of Facial Plastic Surgery*. Volume 1, July-September, 1999.
- Perkins, Stephen W., M.D., Chand, Maria, M.D., Comparison of Surgical Approaches for Upper Facial Rejuvenation. *Current Opinion in Otolaryngology*. Volume 8, Number 4, *Facial Plastic Surgery*.
- Perkins, Stephen W., M.D., Cheng, Jacqueline T., M.D., Hamilton, Mark M., M.D., Perioral Rejuvenation. *Facial Plastic Surgery Clinics of North America*, pgs. 223-239, Volume 8, No. 2, May 2000.
- Perkins, Stephen W., M.D., Dayan, Steven H., M.D., Sklarew, Eric C., M.D., Hamilton, Mark M., M.D., Russell, Gregory S., M.D., The Incidence of Sports-Related Facial Trauma in Children. *ENT - Ear, Nose & Throat Journal*, pgs. 632-638, Volume 79, No. 8, August 2000.
- Perkins, Stephen W., M.D., Eppley, Barry L., M.D., Sadove, A. Michael, M.D., Hamilton, Mark M., M.D. Evaluating the Effectiveness of the VersaPulse Laser in the Treatment of Port-Wine Stains. Published by Coherent, Inc. 2000.
- Perkins, Stephen W., M.D. Achieving the Natural Look in Rhytidectomy. *Facial Plastic Surgery*, pgs. 268-282, Volume 16, Number 3, 2000.
- Perkins, Stephen W., M.D., Dayan, Steven H., M.D., Vartaman, A. John, M.D., Wiesman, Irvin M., M.D., The Forehead Lift: Endoscopic Versus Coronal Approaches. *Aesth. Plast. Surg.* 25:35-39, 2001.
- Perkins, Stephen W., M.D. Blepharoplasty, Cosmetic Surgery Times. November, 2001.
- Perkins, Stephen W., M.D., Hamilton, Mark M., M.D., Cheng, Jacqueline T., M.D., Collagen and Injectable Fillers. *Otolaryngologic Clinics of North America*, pp. 73-85, Vol. 35, Number 1, February 2002.
- Perkins, Stephen W., Dayan, Steven H. Rhytidectomy. IN: Papal ID, Sykes JM, Tortumi DM et al: *Facial Plastic and Reconstructive Surgery*. 2nd Ed., Thieme Publishing Co., New York, 2002.
- Perkins, Stephen W., M.D., Dayan, Steven H., M.D. Surgical Rhytidectomy: Face Lifts and the Endoscopic Forehead Lift IN Kaminer MS, Dover JS, Arndt KA: *Atlas of Cosmetic Surgery*. Mosby, St. Louis, 2002.
- Perkins, Stephen W., M.D., Cheng, Elbert T., M.D. Rhytidectomy analysis: twenty years of experience. *Facial Plastic Surgery Clinics of North America*, pgs. 369-375, Volume 11, No. 3, August 2003.
- Perkins, Stephen W., M.D., Hamilton, Mark M., M.D. Endonasal Tip Approaches and Techniques IN Behrbohm H, Tardy, ME: *Essentials of Septorhinoplasty*, Georg Thieme Verlag, Stuttgart, Germany, October 2003.
- Guest Editor: Rhinoplasty Update, *Facial Plast Surg Clinics of North America*, Feb., 2004:**
- Perkins, Stephen W., M.D. The evolution of the combined use of endonasal and external columellar approaches to rhinoplasty. *Facial Plastic Surgery Clinics of North America*, Volume 12, No. 1, Feb. 2004.
- Perkins, Stephen W., M.D., Castellano, Richard, M.D. Use of combined modality for maximal resurfacing. *Facial Plastic Surgery Clinics of North America*, pgs. 323-337, Volume 12, No. 3, 2004.
- Perkins, Stephen W., M.D., Naderi, Shervin, M.D. Chapter 175: Secondary Rhinoplasty IN Bailey, Johnson, Newlands. *Head and Neck Surgery- Otolaryngology*. Fourth Edition. Lippincott Williams & Wilkins.

Invited to publish:

- Perkins, Stephen W., M.D., Hobgood, Todd G. Mid Facelift
- Perkins, Stephen W., M.D., Naderi, Shervin, M.D. Blepharoplasty: "How I Do It". *Archives of Otolaryn-Head and Neck Surg*

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12. INSTRUCTIONAL VIDEOTAPES

Video demonstrations shown in 2003:

Combined Temporal, Lower Eyelid and Sublabial Approach to Midface Lifting
Upper Lid and Transconjunctival Lower Lid Blepharoplasty with Fat Pad Repositioning
Rhinoplasty for Trapezoid Tip and Placement of Alar Strut Grafts: The External Approach

Video demonstrations for and shown at Rhinoplasty 2001 course:

Endonasal "Double Dome" Correction of a Broad Flat Trapezoid Tip
Endonasal Tip Rhinoplasty for Correction of Trapezoid Tip Collapsing Alae
Cosmetic Endonasal Double Dome Tip Rhinoplasty with Hump Removal and Chin Augmentation
using Single Mersilene Mesh Implant

Challenges in Rhinoplasty Videotape Series prepared for and shown at the 1999 Advanced Rhinoplasty, Chicago, IL:

Delivery Flap Approach for Double Dome Tip Rhinoplasties
Modified Deep Plane Facelift: SMAS Imbrication Technique
Upper and Lower Lid Blepharoplasty with a Skin Muscle Flap Suspension Technique to the Lower Lids

Aging Face '97" Video Series taped during the Aging Face '97 course held in Indianapolis, IN:
Lip and Perioral Enhancement; CO2 Laser.

1991 Aging Face Course:

*Transconjunctival Blepharoplasty***13. HOSPITAL COMMITTEE APPOINTMENTS**

St. Vincent Hospital Pharmacy Therapeutics Committee
St. Vincent Ambulatory Services Medical Advisory Committee
St. Vincent Utilization and Review

1986-1991
1989-1997
1992-1995

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